

General QRA Flowchart

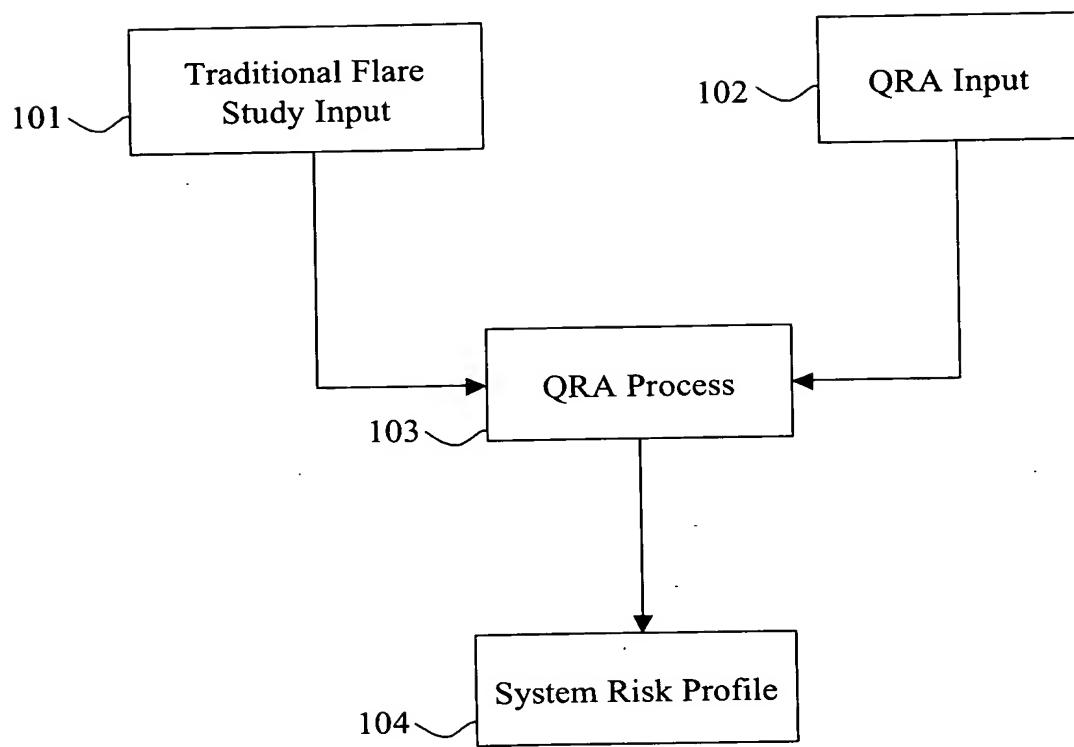


FIG. 1

Traditional Flare Study Input

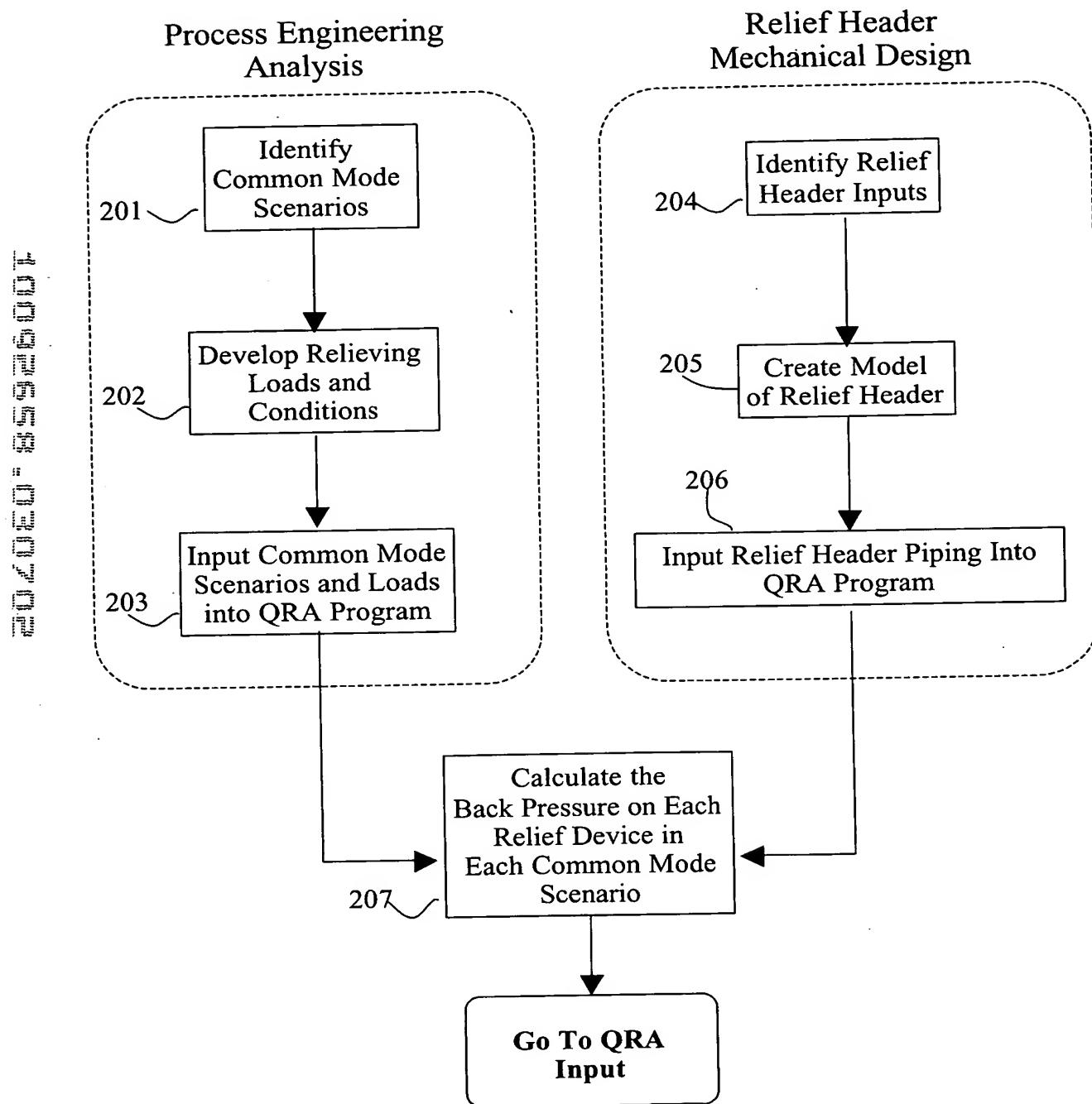


FIG. 2

QRA Input

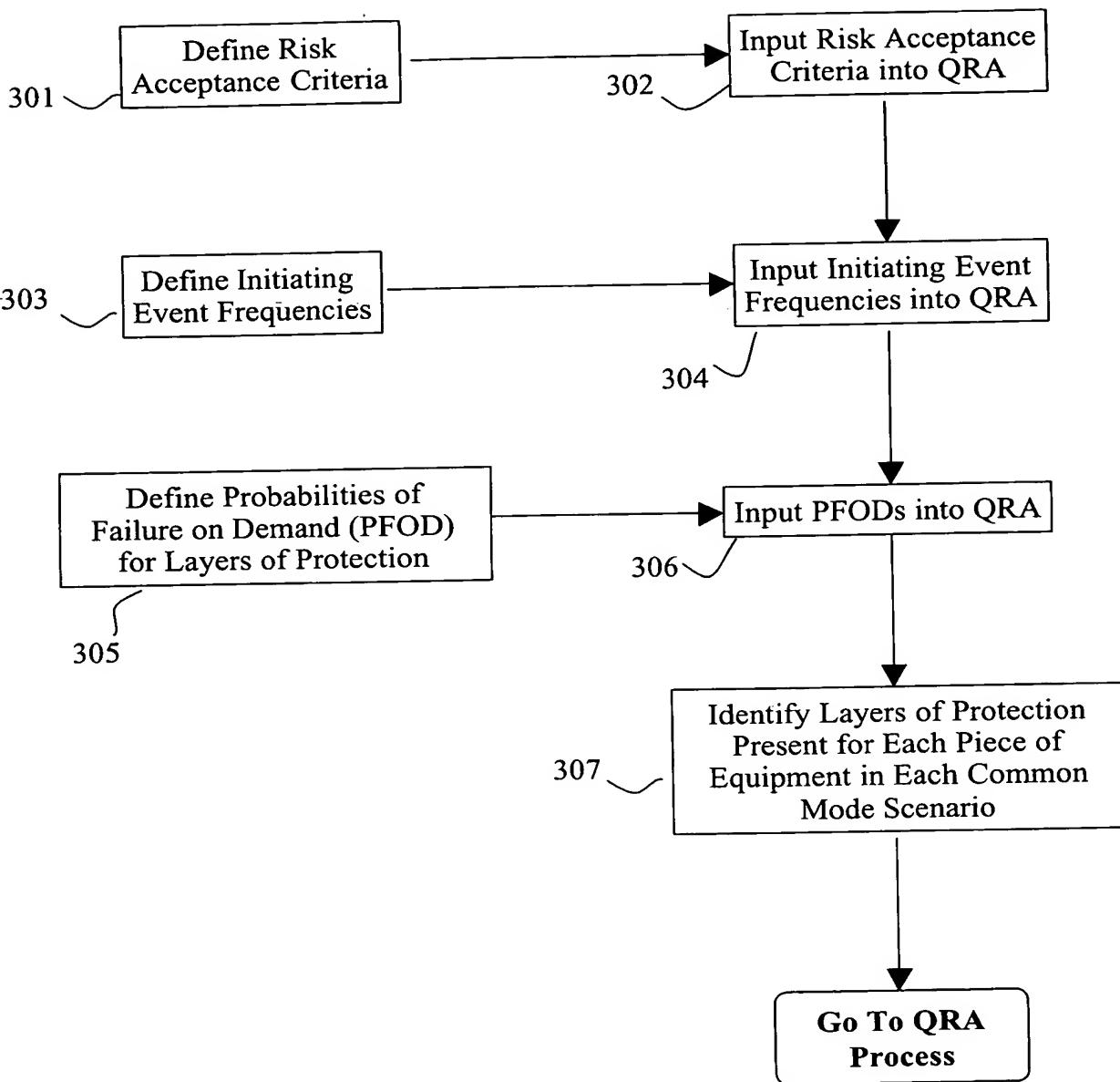


FIG. 3

QRA Process

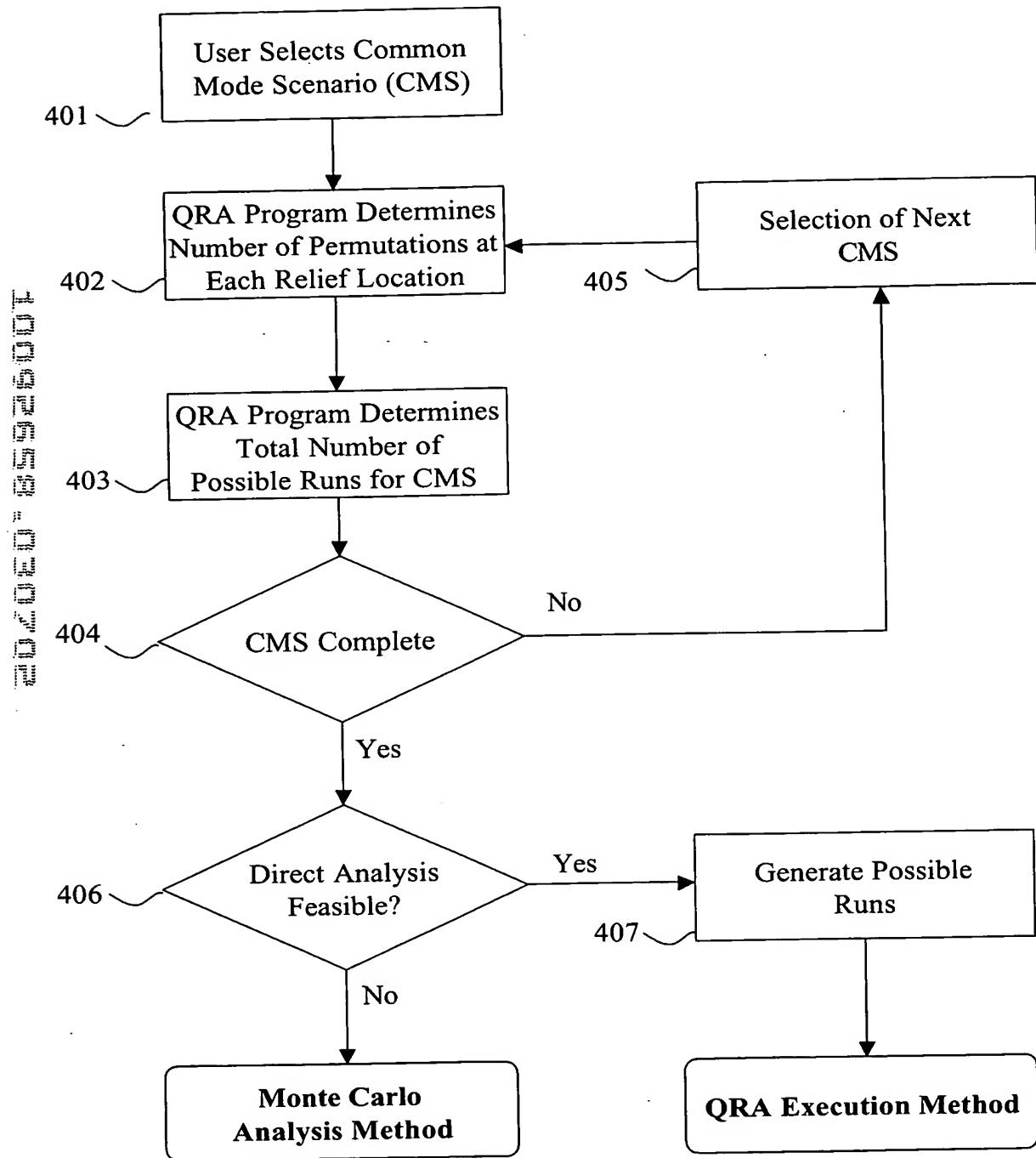


FIG. 4

Construction Of Relief Header Hydraulic Model

PROGRESS REPORT

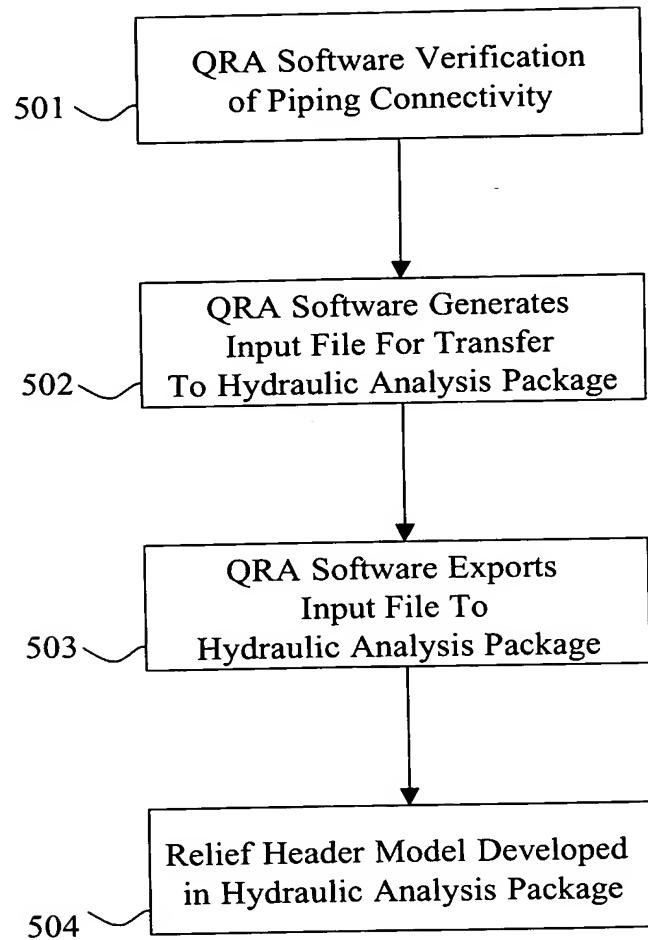


FIG. 5

Monte Carlo Analysis Method

PROGRESS REPORT

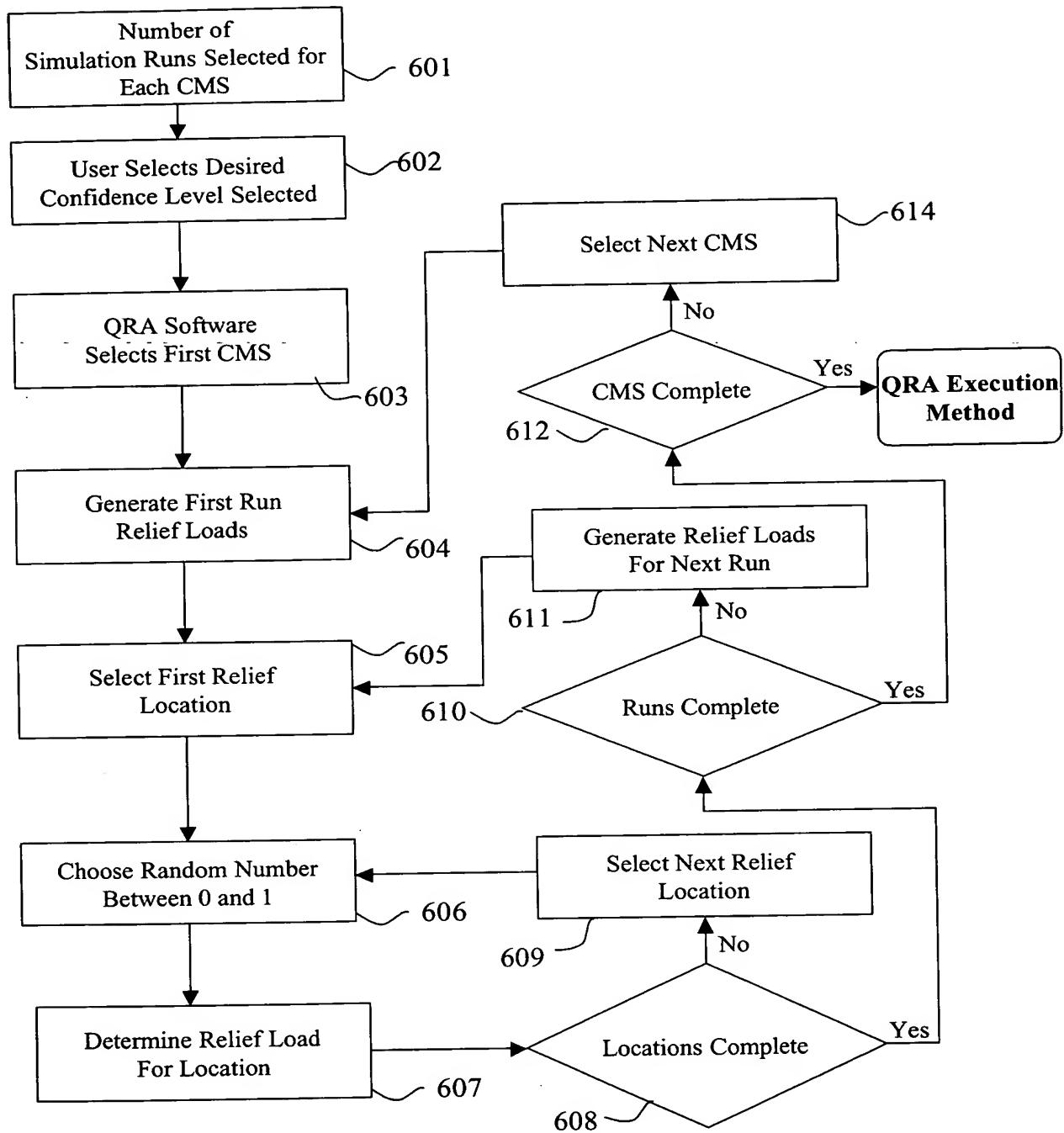


FIG. 6

QRA Execution Method

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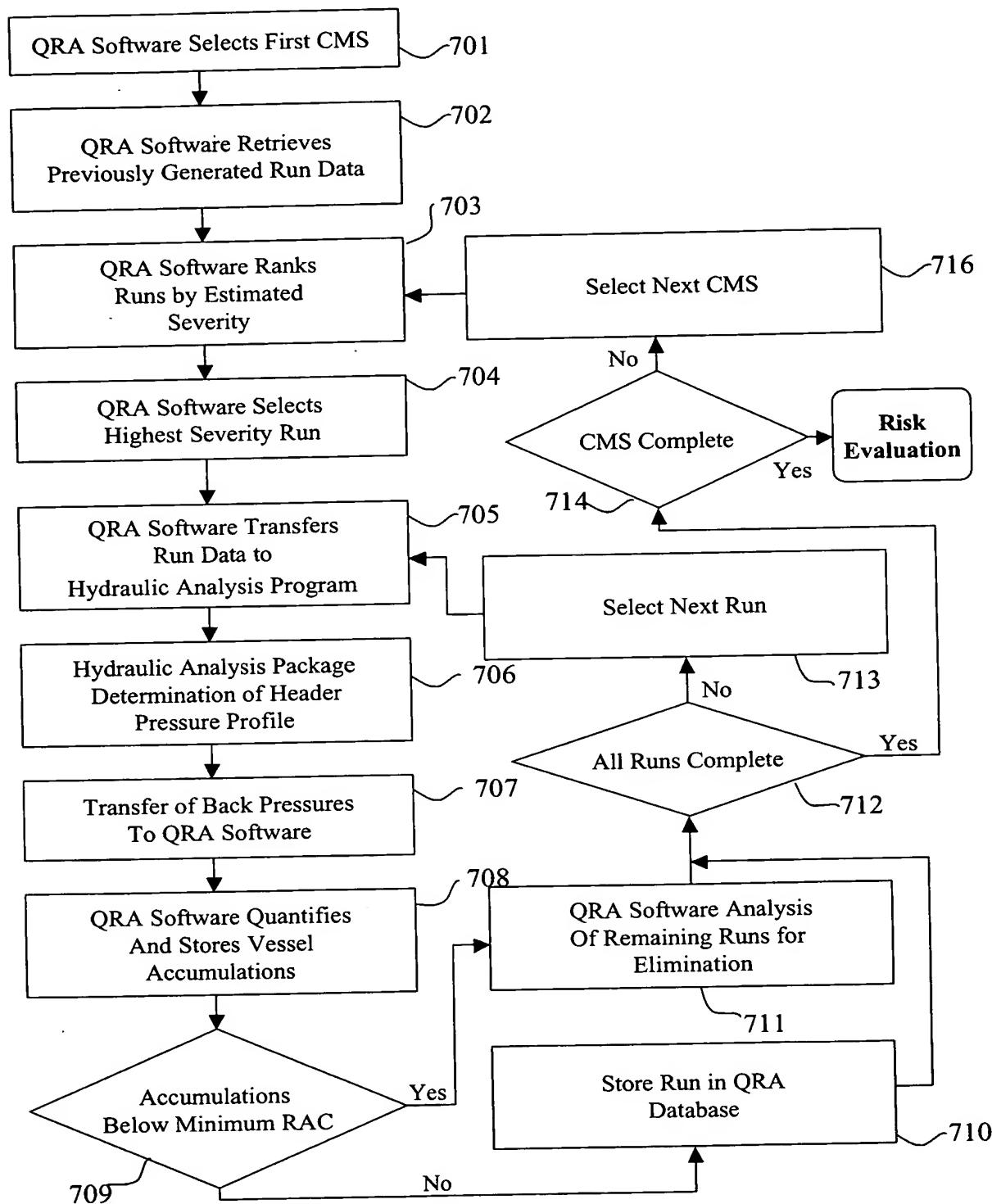


FIG. 7

Risk Evaluation

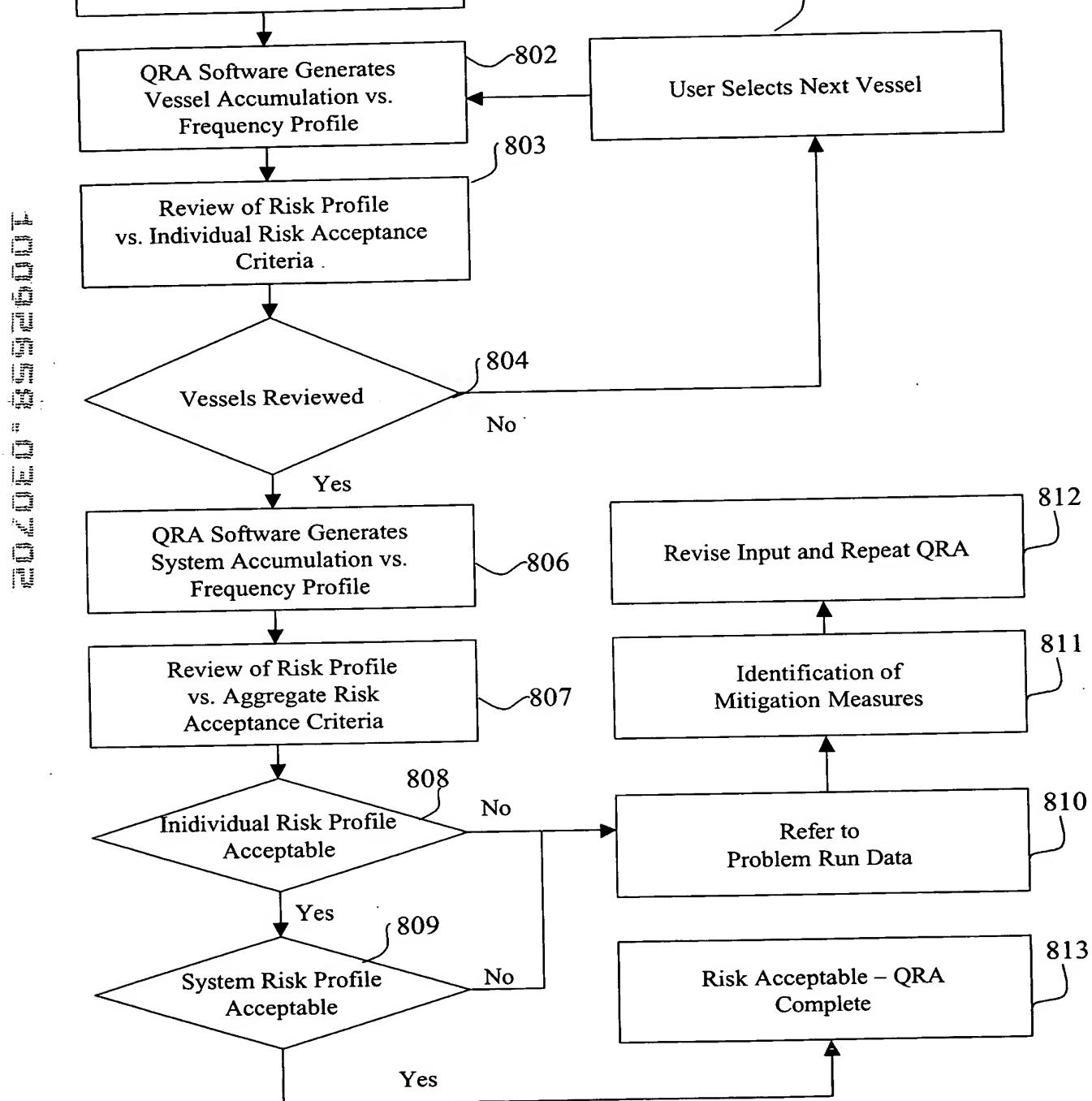


FIG. 8

QRA Calculation Method

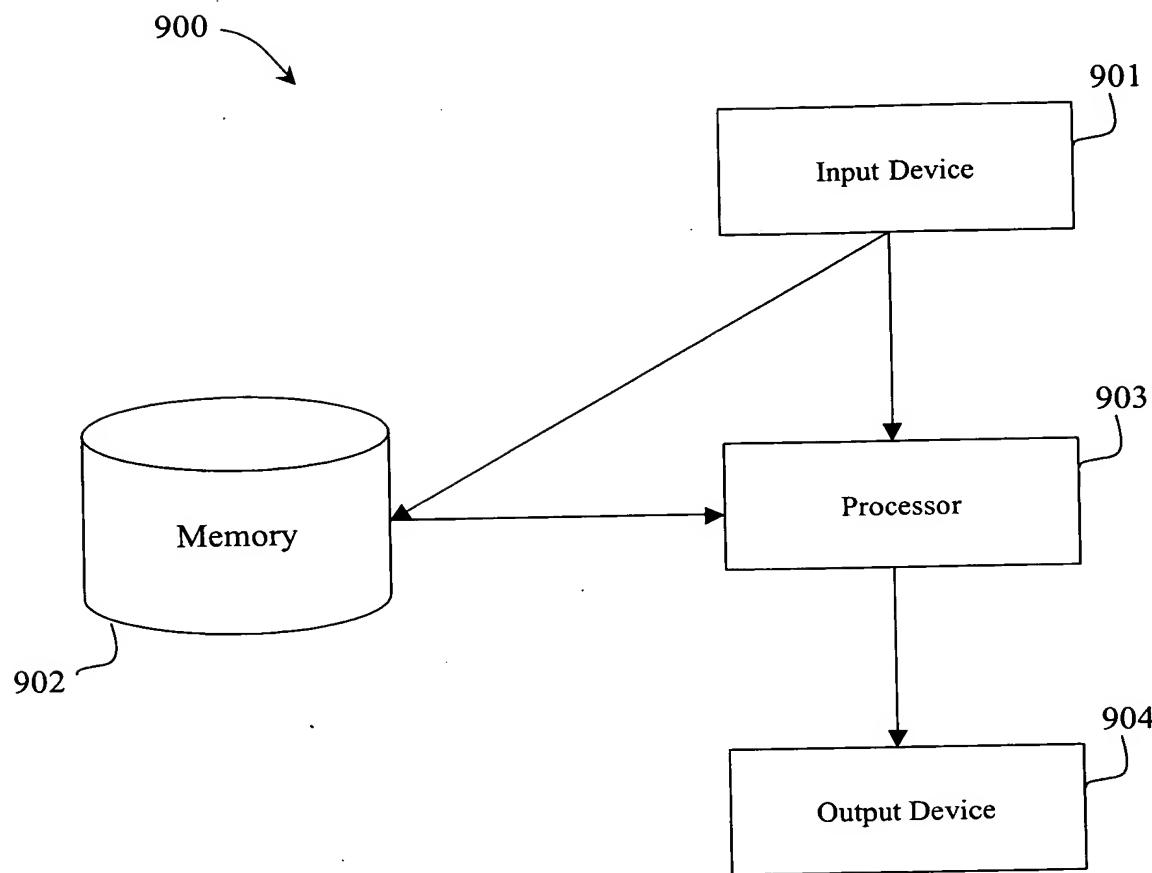


FIG. 9